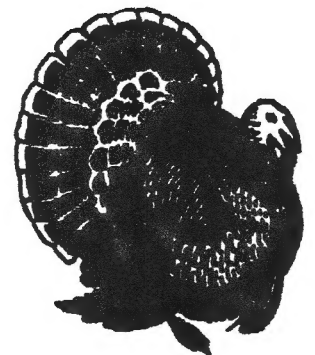
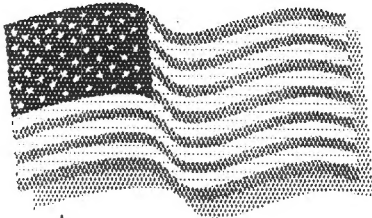
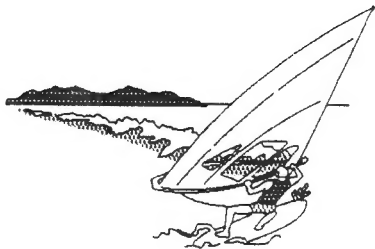


Winter

# The RAMTOP

1990

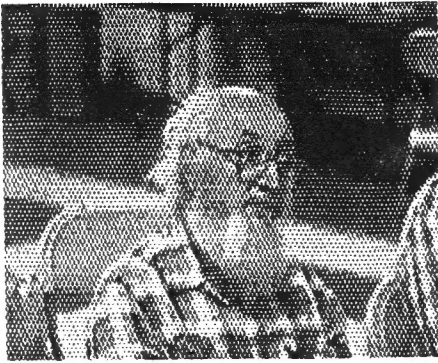
The Newsletter for the Greater Cleveland  
Sinclair Users Group. Printed quarterly.



Hello to all! This newsletter is rather late, as you know. I hope you will be happy with this one. Hopefully future editions will be on time and MORE frequent!

**DON'T FORGET THE DECEMBER AUCTION AND  
CHRISTMAS PARTY! (Dec 7 at the Euclid Square Mall 7:30)**

We have lots of good articles this month! Enjoy!



## IT'S STILL BASIC, ISN'T IT?

Now that some of us Sinclair users are working with IBM and clones, we should realize that their two BASICS are not the same. There is probably more in common between these two than differences, but switching between Sinclair and IBM can cause problems.

There are two IBM BASICS, though the differences between them are negligible. BASICA can run only on a true-blue IBM, since it depends on the IBM ROM. For clones, there is the equivalent: GW-BASIC.

(Who knows what the "GW" means?)

First and foremost, KEYWORDS must be spelled out; no longer can we have the luxury of one key operation.

In IBM the function keys act as shortcuts for certain commands. They are displayed at the bottom of the screen as follows:  
F1 - List; F2 - Run; F3 - Load; F4 - Save; F5 - Cont(inue); F6 - "LPT1:" (printer); F7 - Tron (turns on tracing); F8 - Troff (turns off tracing); F9 - Key (assigns strings to function keys); F10 - Returns screen to text mode from a graphics mode.

There are many more keywords in IBM than in Sinclair. There are also many that both systems share. To get into IBM graphics you must switch to one of several SCREEN modes and you must have the appropriate hardware (graphics adapter). Graphics cannot be displayed on a monochrome monitor.

Assuming that we are discussing BASIC as in the 2068, I have counted 24 Sinclair keywords that are not directly available in IBM and 117 from IBM

not present in Sinclair. Obviously there is a lot to learn, but many of these are not in ordinary usage.

Let's take just a few examples for now. We are used to using "PAUSE 0" when we want to program "Press any key when ready." Here is the IBM substitute:

```
10 PRINT "Press any key when ready."
20 GOSUB 5000
30 PRINT "You pressed a key."
40 END
```

```
4990 STOP
5000 WHILE INKEY$ = ""
5010 WEND
5020 RETURN
```

PAUSE xx has given us a delaying time in program execution. Again, no direct substitute, but "FOR z = 1 TO x: NEXT" accomplishes the same thing. To compare, PAUSE 500 is the equivalent to FOR z = 1 to 10000:NEXT. Both give a nine second delay, if the IBM operates at 4.77 MHz.

An IBM version would be:

```
10 PRINT "First line."
20 GOSUB 5000
30 PRINT "Second line."
40 END
:
:
5000 NOW = TIMER
5010 WHILE TIMER < NOW + 8
5020 WEND
5030 RETURN
```

INPUT as we have known it isn't too fussy. But try (INPUT "What is today's date ?";a\$) in IBM. If you answer: October 10, 1990, you get the response "REDO from start." You must use LINE INPUT instead of INPUT to accept your answer. The culprit is the comma in the date.

Future articles will continue discussing the differences in the two BASICS.

Max Schoenfeld

## EDITORIAL: by James G. DuPuy

Where does the time fly? This year has gone by faster than any year I can remember. This newsletter is VERY late. I know, I know. I am hoping to get back on a regular basis with the new year. As you no doubt know, the world of Sinclair and Timex is shrinking fast. Many of you now have PCs or other computers. I now use an AT compatible with a bunch of extras. I just got the Computer Eyes video digitizer and am having a ball with it! If you plan to go the route of IBM, I highly advise you to get VGA and as big a hard drive as you can afford. If you can't get these save your bucks until you can! I have a 120 meg hard drive and it is almost full! All this stuff has come way down from just a year ago. Also be sure to get at least a 286 machine. 386's are about what 286's were last year. I find the 286 is plenty fast.

Sinclair computers are great machines. They have a few faults. For the most part though, they give you a lot for your money. I used a 2068 for 5 years and had very little trouble with it. By the time I went to the PC I figure I had spent about \$1000 in hardware total for my 2068 system. This included the computer, monitor (RGB), disk drive and interface (Oliger), modem, printer (SG-10), graphics tablet, digitizer (video), 2040 printer, joystick, printer interface, and the list goes on and on.

I learned quite a lot with the T/S system. In fact, I built a ZX-81 back when they were \$100 + \$50 for the RAM pack. I even have a ZX printer. It still works! The knowledge is worth a lot. It has helped me plenty in my job. (electronic technician) I know that I would not have learned as much about hardware if I had gone to IBM at the start since 99% of the IBM people never open the machine other than to add a card. That was the great thing about the Sinclair for me. I was forced to dig into it to get just what I wanted out of it. I would say most T/Sers did the same to some extent.

The fact is that now T/S is winding down. It is a sad fact, but true. There are few new articles and hardware is getting tough to find. I finally found the limitations too much to live with since most of my computing needs tend toward the IBM format due to my work. I need to write manuals and such for work now and these sometimes run into many pages. The biggest problem is that many companies want disks of the manuals and software which the T/S can't supply. We have all seen articles about IBM and what it can do. IBM has its bad points too. They cost more. The manuals for the software are long and a general pain to read. On the plus side though, there is SO MUCH SOFTWARE out there! If you get a modem you can

programs for almost anything you want to do for just about free. PCs are for the most part a lot faster.

The point is that many of you (me included) have moved to PCs or some computer with more memory, better graphics and so forth. We at the GCSUG are well aware of this and you will see a lot of changes in the newsletter. I hope those of you that have PCs will please send in your articles on anything you like. In the next Ramtop I hope to have an article about the Computer Eyes video digitizer for the PC. I also **STILL WANT ARTICLES ABOUT T/S EQUIPMENT!** Many of you still use T/S only and I sure don't want to leave you out! I just want you all to realize that times are changing and you will see more and more about PC.

Now let's move on to a new subject. Back in August of this year the Cleveland Computer Society was formed. Basically, it is many computer groups joined into a parent group. It does NOT mean that we lose any of our identity! It simply means that as a group, we have more clout as far as getting speakers from larger companies, discounts on equipment and so forth. I am sending you all a copy of the first pamphlet about the CCS. One of the benefits already is that the company QUE, the publishers of many computer manuals, is offering a 35% discount for CCS members. To get this, call Que at: 1-800-428-5331, ask for ext 3476 and ask for Debbie Hulse. You may order a book or get a catalog of what they publish. They have good manuals! I have several and they are a big improvement over the manuals you get with the major programs.

Those of you that can send articles for PC please do one of the following:

Send me (or give at the meeting) a disk with your article in ASCII format. Upload to me (call me at 216-661-4105) or to Freenet (send to aa310 from Post Office) (361-3888) I can also take it in written form but a file is MUCH better. Those of you with T/S equipment and articles can send the article on cassette, or written.

Cassette articles must be in Tasword, 32 column. **PLEASE SEND THOSE ARTICLES!** The next RAMTOP should be coming to you by 4/1/90 so the deadline for articles will be about 1 week before. Take care! JGD

If you wish to mail articles to me, the address is:  
James G. DuPuy  
6514 Bradley Ave. (Down)  
Parma, Ohio, 44129



*Doc GILKESPIE*

## 1990 SINCLAIR COMPUTER EXPOSITION IS SUCCESS

The Milwaukee show sponsored by SMUG was a great success. The show was well organized and complete. The program for the show was well written and informative. There were several user groups, dealers, and a lot of stuff for sale. I think I met more people than any other show and I remembered more names of people who I had met before. The groups (according to the program) who were there were Capitol Area TSUG, Chicago Area TUG, Dayton Area TSUG, Greater Cleveland SUG, Indiana STUG, S Milwaukee UG, and S National UG. Vendors mentioned in the program were Emsoft, Mechanical Affinity Software, Wood and Wind Computing, Zebra Systems Inc, Mike Hammer, and Eric Johnson. There were guys there from Florida, Vancouver, New England and other parts of the country. Tom Bent, Sharp, Sir Clive and time designs were not there.

The banquet was a buffet style and very good. There was a large selection of salads and side dishes, but the main course was limited. The choice was chicken or beef ribs. I didn't

want chicken so I figured I just had to eat about 14 or 15 ribs. It was overpriced but so are all banquets.

We didn't have a bad display at the Greater Cleveland SUG table if I say so myself. We had a graphic demo program on the QL written by Gabe Schaffer, our youngest member, and some games running on a 2068 brought by Toby Radloff. We had "Still Alive with Uncle Clive" bumper stickers for sale, and still have some left if you would like to send \$1.25 to Tom Simon, 615 School Ave, Cuyahoga Falls, Ohio 44221. We also had free newsletters to give away. We also got compliments on our banner which was printed by Greg DuPuy with Bannermania on an (ahem) IBM.

The size of the room was about the size of the large room at Indianapolis, or smaller than the room at Cleveland, or not more than a 1/3 as large as the room at Washington. The room size did not matter so much as the quality of the show, which more than made up for the room size and was as good as any of the previous shows. The room was close to the seminar and hotel rooms and easy to get to. The only meeting room was the one that the show was in, and the SNUG meeting had to be held next to the swimming pool. There was enough room there but it was difficult to hear. The people at the hotel were also courteous. There were a small number of seminars but one or two of them got cancelled. The ones listed in the program were Programming in Forth, Computer Intelligence, Quill-How to Use It, Desk Top Publishing, and Archive Program Db, addresses. I went to the one on desktop publishing which wasn't bad. The room was very small though, it was just a converted hotel room. One thing which was innovative, that I believe SMUG was doing, was that they video taped the seminars and replayed them at their table.

I saw a ZX80 which was not for sale. Somebody also had a Sinclair watch with radio and speaker. It also wasn't for sale. I picked up a ZX printer which I was looking for. There was

also a rare Sinclair joystick with the original box and a 1000 cartridge adaptor with the original box. They both were sold before I could get them. I also bought newsletter subscriptions from all the groups that were there. I learned a couple tricks for the QL. To make the keys move easier, pry all the keys off and spray the keyboard lightly with WD40. Then replace the keys. Also to keep the keyboard membrane leads from cracking, wipe the leads with Nu Vinyl. I tried this one. I didn't have

Nu Vinyl so I used STP Son of a Gun. It didn't seem to work, in fact I think it deteriorated the membrane a bit because just over a month after I put it in, it cracked and I had to replace it again.

There was a lot of stuff for sale but it seemed like nobody was selling their own stuff. Zebra had a table, but nobody from Zebra was there. The guys who were there had some trouble finding the price for many things, but when they did, they made some good deals. There were other guys there selling stuff for other people.

The SNUG meeting went fairly well. There was a large group and several people signed up for SNUG. They will now be putting out a newsletter. One of the things that was discussed at the SNUG meeting was the problems with duplicating the SNUG 2068 library on tape. If everyone had some kind of disk system, there would not be such a large problem. I suggested that they use several tape recorders at once all connected to one computer. Our group has used this method and I will inform SNUG about how to do this.

While I was talking to Frank Davis I asked him what time it was because my Timex watch had stopped. It always stops between 12 and 12:30 am for some reason. He looked at his Timex watch and told me that it was about 9:20 but he wasn't sure that it was accurate. His wife told us the correct time from her non Timex watch and we both set our watches.

Something else that I noticed about the Holiday Inn was that it is owned by Larken. There were a few signs around the hotel which said this. I wonder if they gave SMUG a break on the rent.

Four of our six guys who went, drove. Two of the four who drove had car trouble and had to be towed and repaired. There was also some trouble in the show. The power went out for a few seconds and everybody groaned. Kind of like a giant QL crash. Well, it was a good show. I enjoyed it and I'll go to the one next year.

Someone said that this might be the last show, but that's what they've said at the last two shows. So, see you next year!

Doug Gillespie

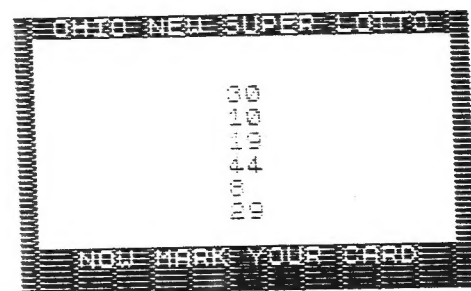


The following is a program for the TS-1000 and was written by Tobby Radloff.

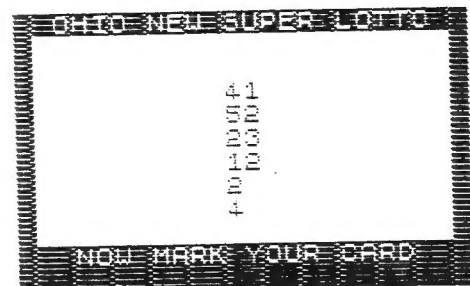
```

5 CLS
6 RAND
10 PRINT "      OHIO NEW SUPE
11 FOR A=1 TO 10 STEP 1
12 PRINT AT A,5;" ";AT A,28;"
13 NEXT A
14 PRINT "
15 LET L=INT (RND*54)
16 LET M=INT (RND*54)
17 IF M=L THEN GOTO 32
18 LET N=INT (RND*54)
19 IF N=M OR N=L THEN GOTO 34
20 LET O=INT (RND*54)
21 IF O=N OR O=M OR O=L THEN G
GOTO 36
22 LET P=INT (RND*54)
23 IF P=O OR P=N OR P=M OR P=L
THEN GOTO 38
24 LET Q=INT (RND*54)
25 IF Q=P OR Q=O OR Q=N OR Q=M
OR Q=L THEN GOTO 40
26 IF L=Q OR M=Q OR N=Q OR O=Q
OR P=Q OR Q=O THEN GOTO 30
27 PRINT AT 3,16;L
28 PRINT ,M
29 PRINT ,N
30 PRINT ,O
31 PRINT ,P
32 PRINT ,Q
33 PRINT "
34 PRINT "      NOW MARK YOU
5 CARD"
35 PRINT AT 19,0;"WOULD YOU LI
KE TO GO AGAIN?"
36 PRINT "(Y OR N) YOU MAY HAV
E TO HOLD THE KEY A FEW SECON
DS"
37 PRINT AT 13,0;"
38 PRINT AT 15,0;"
171 FOR X=25 TO 0 STEP -1
172 PRINT AT 14,X;"WINNER";AT 1
4,X;"WINNER";AT 14,X)"
174 GOSUB 300
175 NEXT X
176 GOSUB 300
177 FOR X=0 TO 25 STEP 1
178 PRINT AT 14,X;"WINNER";AT 1
4,X;"WINNER";AT 14,X)"
179 GOSUB 300
180 NEXT X
181 GOTO 90
190 IF INKEY$="Y" THEN GOTO 5
200 IF INKEY$="N" THEN GOTO 500
210 RETURN
220 CLS
230 FOR N=1 TO 100
240 LET J=(RND*20)
250 LET H=(RND*25)
260 PRINT AT J,H;"QUATER"
270 NEXT N
280 CLS
290 PRINT AT 10,6;"G O O D - B
Y E ."

```

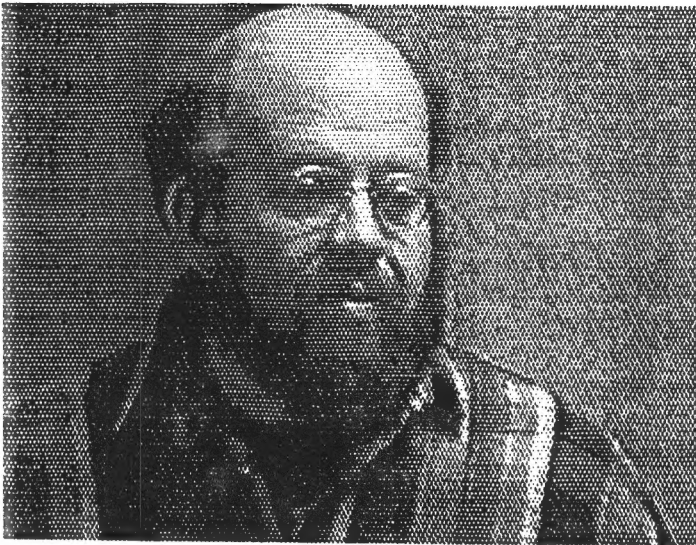


WOULD YOU LIKE TO GO AGAIN?  
(Y OR N) YOU MAY HAVE TO HOLD  
THE KEY A FEW SECONDS.



WOULD YOU LIKE TO GO AGAIN?  
(Y OR N) YOU MAY HAVE TO HOLD  
THE KEY A FEW SECONDS.

This program picks numbers for the Lotto.



## AN AMAZING NEW DISCOVERY!

by Thomas Simon

A lot of us in the Sinclair community seem to think that the PC's have to be our enemies. Actually there has been sort of a symbiotic relationship evolving in the past couple of years between us and these machines. Those of us who were into telecommunications found that the PC made a fine BBS and has excellent telecommunication and file handling capabilities. A lot of users of the Sinclair machines have found homes away from home on these PC hosts. The PC's have helped us survive by keeping our scattered numbers more in touch with each other.

Sinclair machines have a friendliness that make them fun to program and work with. We all know what the problems are but we overcome them as best we can. Sometimes there are side effects ..we have no standard media save tape, and half a dozen disk formats. Distribution of programs and libraries has been clumsy and awkward. Well, I recently discovered a program which was designed for the PC but which is admirably suited to be used with the varied Sinclair DOS formats, and may solve this problem.

This program is Teledisk written by C.P. Guzis. What Teledisk does is read a floppy disk and write it to a compressed file which can be sent by modem and reconstituted. The beauty is that it can do this with non- PC disk formats as well. I tried ver. 1.04 released in August 1988

by sending a 40 track Oliger disk to Greg DuPuy as a compressed file over a 2400 baud modem on my PC. Greg received the file on his PC and reconstituted the Oliger Disk on his 5 1/4" 1.2 meg. drive. Teledisk will support the high density drive on AT's. This disk was taken to his 2068 with a 5 1/4" 40 TPI drive where it read the catalog, loaded track 0 loader program and would load any program on the disk. Teledisk is menu driven and easy to use. I haven't had a chance to try it yet with QL, or other 2068 formats but at this time I don't see any reason why it shouldn't work with them. There are formats which it doesn't support, the Tandy 2000 and Zenith format for example, but most of us are not concerned with these machines. I am concerned however, if the reason that Teledisk doesn't support these disk formats is because they use an 80 track disk format. So far we haven't examined this aspect of the program and will have to do so in the near future.

The only problem that I found with the program is that Teledisk looks for a file which has the extension of .TD0 to reconstitute your disk. So be sure that when the disk is compressed don't forget to add that extension to the resulting compressed file. The applications for such a program are obvious ..entire libraries can be uploaded to any BBS and accessed by each user group and reconstituted and distributed at meetings, with minimal cost.

Teledisk is shareware and quite a bargain at \$25. It can be ordered from Sydex, 153 North Murphy Ave., Sunnyvale, California 94086. They will send you the latest version which includes several extra utilities and a printed manual.

(The following added by JGD Editor)  
PLEASE NOTE:

Since this article was written, the latest version DOES support high density drives. (1.2meg and 1.44meg) I sent a disk to a friend using my 1.2meg drive but a 360K disk. It was reconstructed as a 360K disk on my friends Tandy 360K drive. It was an exact duplicate.

The following came from T/S News which is published electronically on Greg's Psychedelic Breakfast RBBS which is located in beautiful Paterson NJ at (201)956-7703 24 hours a day supporting 300/1200 Baud 8/1/N. Also available via FREQ request at FidoNet 1:107/564 or RBBSNet 8:950/1 as TNEWS. COPYRIGHT 1989

Greg Popovich - Editor  
(201)956-7703 (Data)  
(201)956-1556 (Voice)

=====

Trouble with corrupted files?  
By Greg Popovich

Ever download a file from a BBS and only to find that after line 9999 there is a ton of garbage like this.....

9999 SAVE "MyFile"LINE 1  
6682???????@#\$\$%^&\*)%#%\$. etc....

Most of the time this happens when you DL a file from a BBS running on an IBM. Now before you start pointing out that it is the IBM computer that is causing the problem sit back and listen! What happens is during a file transfer (of the Xmodem type) the file is broken up into blocks of 128 bytes and sent to the receiving system. Now with that in mind the Xmodem used by the 2068 computers (TSXmodem, Specterm 64, and Maxcom) if the block is less than 128 bytes it (the 2068) will send fill to complement that last block. What that means to TS users is that the file is corrupted and in most cases not usable. Well after a night of attempting to "fix" this problem I stumbled across a way to "fix" this problem. All you need is just the high memory version of HOT-Z (version 1.81 which loads @ address 50416) and some time. In just a few simple steps you can "fix" those bad files.....

1. First LOAD HOT-Z.
2. Exit from HOT-Z using Sym/Shft Q.
3. LOAD (or MERGE) your file (non autorunning programs).
4. Exit back into HOT-Z.
5. Now you have to find the last line of the program (using Sym/Shft U and inputting 26710 will at least get you to the beginning to the BASIC program and then use the Space Bar to page through the program). Also it would be better to go into the DATA mode by pressing Sym/Shft G so you can see the actual data of the program.
6. Once at the end of the program (normally after the last character you will find a DEC 14. This is the actual end of the program!

PLEASE NOTE THAT THE DECEMBER 7th MEETING IS COMING SOON! GET YOUR COMPUTER ITEMS FOR THE AUCTION READY! BRING A FOOD ITEM (OR BEVERAGE) IF YOU CAN.



ADDR	HEX	NAME	DEC	ADDR	CHR\$
7690	F8		248	30352	SAVE
7691	22		34	30353	"
7692	4D		77	30354	M
7693	79		121	30355	y
7694	46		70	30356	F
7695	69		105	30357	i
7896	6C		108	30358	l
7897	65		101	30359	e
7898	22		34	30359	"
7899	CA		202	30360	LINE
789A	31		49	30361	l
789B	0E		14	30362	<---Remove this
789B	0D		13	30362	<---Add these
789C	80		128	30363	<---Add these

7. Go into the HEXEDIT mode and replace the 0E (DEC 14) with a 0D (DEC 13), and at the next address insert a 80 (DEC 128). Then just zero out the next 10 addresses and PRESTO!
8. Exit out of HOT-Z (using Sym/Shft Q).
9. CLEAR memory
10. SAVE your basic! (Yes you file is now UNCORRUPTED!)

=====

BBSLISTING

=====

BBS listing

BBSName

Phone

Greg's Psychedelic Breakfast	(201)956-7703
Grey Matter	(213)971-6260
Ron's ROS	(817)540-4183
Time<X>change	(213)327-3922
T.S.U.	(216)327-1099
The Kings Market	(303)665-6091
P.D.S.E.	(415)571-6911

This is the current listing of Bulletin Board Systems that currently support Timex/Sinclair computers. If you know of a system a it is not listed here PLEASE address a message to either FidoNet node 1:107/564 or call Greg's Psychedelic Breakfast and leave a message to the Sysop with the BBS name and phone number so that it will be listed in the next issue of TSNEWS.

(The following paragraph added by the editor of RAMTOP)  
Please note that Cleveland Free Net has a number of special interest groups (SIGs) and one of them is for Timex/Sinclair! To get to it, Call Free Net at 216-368-3888, if you have an ID pick "1" for member or "2" for FN guest. After you get to the main menu, type "go ts" (enter) and you will get to the TS SIG. There is a lot of interesting stuff there as well as MANY messages that have been on the FIDO SINCLAIR ECHO. (Dick Sieg sends them to me and I post them in the FORUM) JGD

This message was posted on the SIG on CIS.....

I would like to add to the file on Modem tricks...  
There are some more commands for port 119 that may prove useful:

Out 119,3:Out 119,4     Set up pulse of one  
Out 119,1:Out 119,2     Finish pulse

This is how the 2050 dials...for each digit, say a one you would use the first 2 outs to start the pulse, then a short pause of 1 or 2 then other 2 outs.  
To dial a 2, or larger number, you would use a loop, and for a multi digit number, you would use a 2 nested loops.

Another one is In 119 =133....carrier tones are being sent.  
This would be used to recognize a system when you logon.

I have found that port 115 does not recognize incoming signals. Is there another port?

Hope these help

John Ryan

=====

Well the Milwaukee Show is over and there may be hope that there may be yet one more show left for the Sinclair Users. From a practical standpoint the show was a success as everyone who came had a good time. There was much activity and buying and selling of hard and software. Six of our members attended the show giving us a fair degree of representation there. There were couple of disappointments in that not one of the major remaining vendors came. Zebra did liquidate some products through the SMUG group though. The seminars were a bit on the sparse side this time but seemed to be well presented. Attendance was about 130+ and our fellow computerists from the Milwaukee area are to be congratulated for a fine show.

There was a SNUG meeting and hopefully our contact with them, Jon Kaczor will have an article about what they are doing. The administration has been taken over by Paul Holmgren and Frank Davis of the ISTUG. They have also purchased a lot of QL material from Tom Bent included in this was materials that he was to have repaired, sold whatever. If you have any equipment that you sent to Tom, write to Paul with a description and send some cash to cover return shipment. Paul's address is 5231 Wilton Wood Court, Indianapolis, IN 46254. Paul and Frank are also burning MG and JS Eproms for those who need them. They are using the German QEP3 on the QL. This burner is very fast and compares favorably with burners for the PC. We wish them both good luck with their business and the SNUG organization.

One program which I had trashed previously in a review was Mailbag. At the show I met the program's author and found out what the problems were. First, some of the complaints I had were remedied in the subsequent versions. This program and his others will now run on single drive systems which previously they wouldn't do. Second those who bought the software at OUR show probably got copies that were buggy. If you were one of those he will replace it with the current version for \$4.95 and the old medium. Peter Hale (EMS soft) also has a number of other programs he has written to use with Archive on the QL. The titles are Tax-I-QL, QLand\_Lord, Trust\_Fund, and Inventory which essentially describe these very specific use programs. QLand\_Lord has forms for receipts from rental property and hooks that will enable easy preparation of IRS schedules. EMS is also distributing Sirius Ware software for the ZX-81 or 1000. Write to EMS Soft, P.O. Box 8763, Boston, Ma, 02114, tel.# 617-889-0830.

Also from the show I picked up one of the Digitizer Boards. This is from the schematic that came from the Toronto Users Group and which Greg DuPuy built. Their board comes either as a kit or assembled. The board has only two jumpers and is rather a clean looking setup. The bare board costs in the neighborhood of \$21. or so. write to SMUG, P.O. Box 101, Butler, WI, 53007. Dr. Lloyd Dreger who has written several books on the 2068 is selling his advanced machine code on the 2068 through the user group (\$17., I think) and will soon have a second volume on this subject. Be sure to enclose a SASE as that may help get a faster response.

One word from the Chicago user group newsletter concerning Time Designs, no one has received issues and no attempt has been made to send back issues to the various user groups. I would suggest taking Max's position and contacting the postal fraud unit. Perhaps if enough of us do that there will some action taken.

If any of you are adventure fans, you might check out two software houses from the UK. The first is Tartan Software, 61 Bailie Norris Crescent, Montrose, Angus, Scotland DD10 9DT. The Second is Zenobi Software, 26 Spotland Tops, Cutgate, Rochdale, Lancashire, OL12 7NX. The Later has a very unusual adventure in Dr. Jeckyll and Mr. Hyde as well as a selection of software by other authors. All of the Zenobi programs for the Spectrum are very moderately prices, most less than three pounds. Tartan has an inexpensive adventure writing program and great adventure compilations on a single tape which average out to a little more than one pound. Send a SASE and a couple of international reply coupons for their list or if you come to the meetings ask me for a Xerox of their list of programs.

We are talking about making a small group to convert several programs to the Oliger Disk System....is there anyone out there who can't come to the meetings but would like to help with this. If so contact me or Jon Kaczor.

Thomas Simon

\*\*\* COMPUTERS/PRINTER FOR SALE OR TRADE! \*\*\* PS/2-  
30, hard drives, printer, locking cable  
=====

1. IBM Proprinter XL (wide carriage)... almost new.

Store price \$799 + tax = \$855

Your price: \$369, best offer or trade for

RGB or VGA color monitor With User Manual.

Specs:

- 9-pin, letter/legal/11x17 size paper, prints 5,6,8,10,12,17 characters/inch, proportional, super/subscript, dbl high, dbl wide.
- "NLQ" (Near Letter Quality) but with a good ribbon (\$8 at Office Max), it prints excellent text and graphics.
- Stores 256 of your custom characters in memory.
- Uses continuous fan-fold or cut-sheet paper [such as letterhead], multi-part forms.

=====

2. \*\*\* IBM XT COMPUTER FOR SALE \*\*\*

True-blue IBM PS/2 Model 30, XT-8086, 640K RAM,

20 Megabyte hard drive, 3" floppy drive. 0 wait state.

PC-DOS 3.30 and MUCH software included (duly licensed).

Will install and set up for you in Cuyahoga County!

Advantage: This does NOT have IBM's Micro Channel and so is compatible with most IBM and other compatible hardware and software.

IBM 8503-001 mono monitor, 101 key IBM enhanced keyboard. original boxes, manuals, startup and diagnostic diskettes.

This cost new about \$2900; I'll resell for \$1495 or best offer.

=====

3. IBM External 5-1/2" floppy drive: 360Kb

w/controller board, manual, cable.

\$219

=====

4. Hard drive: 10Mb Qubie' external drive, MFM w/controller board, setup software, manuals, cables. \$195

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5. Hard Card: Western Digital 40 Mb MFM, software, manual, works well. \$349 =====

6. MICRO LOCK, Locking cable for PS/2-30, so nobody can steal your computer, internal parts, data and secrets! \$20

=====

Reason for selling: upgrade.

All preventive maintenance faithfully done, may be seen in working order in Lyndhurst. Please call 291-1262 any time.

I will ship UPS or deliver in Cuyahoga County, setup and install.

Will trade for:

RGB monitor which will fit Zenith AT -OR-

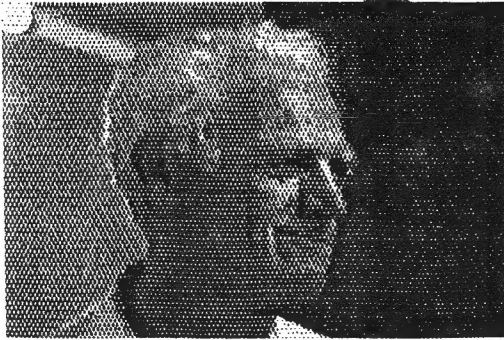
Other creative offers.

Please contact:

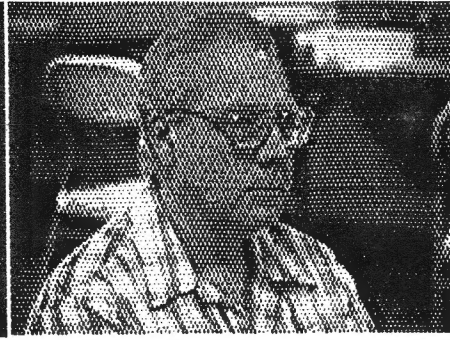
JEFF GERBER  
5010 Mayfield Road  
Lyndhurst, OH 44124  
216-291-1262  
Fax 291-1263







Henry Kimmerle  
(our club)



Bill Young  
(our Club)



A pair from the show

Here are a few photos that were digitized with the Computer Eyes system.  
I'll have more next time! If you have a photo, send it to me!

From:

The Greater Cleveland Sinclair Users Group

James G. DuPuy

6514 Bradley Ave. (Down)

Parma, OH, 44129



TO:

Bob Twoger 90-06-01  
613 Park Circle  
Streamwood IL ~~60107~~ 60107

First Class Mail

